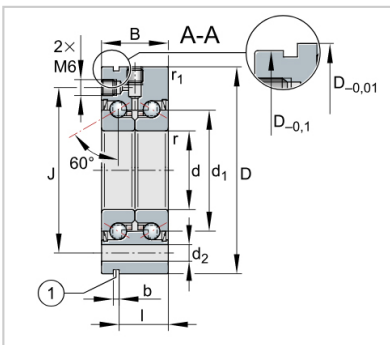


## ZKLF ZKLN Double Direction Axial Angular Contact Ball Bearings

### ZKLF Axial angular contact ball bearings-ZKLF40100-2Z



Designation	<b>ZKLF40100-2Z</b>
Mass $m = \text{kg}$	1.46
Dimensions	
d -0,005	<b>40</b>
D -0,01	<b>100</b>
B -0,25	34
d1	58
r min.	0.3
r1 min.	0.6
J	80
d2	8.8
b	3
l	25
Pitch $n \times t$	$8 \times 45^\circ$
Mounting dimensions	
Da max.	67
da min.	50
t1	0.2
Fixing screws	DIN EN ISO 4762 10.9
Size	M8
$n \times t_a$	$4 \times 90^\circ$
Basic load ratings axial	
dyn. Ca N	47500
stat. C0a N	101000
Fatigue limit load $Cu$	6000
N	
Limiting speed $nG$	5200
grease min-1	
Thermally safe	3300
operating speed $nP$	
min-1	
Bearing frictional torque	0.35
MR Nm	
Rigidity axial caL N/ $\mu\text{m}$	1000
Tilting rigidity ckL	550
Mass moment of inertia	2.26
Mm	
Axial runout $\mu\text{m}$	2.5
Recommended INA precision locknut	
For radial locking	ZM40
For axial locking	AM40
Tightening torque MA	55
Nm	
Required locknut force	13412
axial N	